

1. An automatic ventilator for cardio-pulmonary resuscitation (CPR) comprising:
  - an automatic ventilating circuit adapted for delivering two cycles of positive pressure breathable gas flow ventilation to a patient's airway; and
  - a CPR timing circuit adapted to emit timed signals over a CPR period,
- 5 after said two cycles, to guide an operator to time chest compressions applied to a patient.
2. The automatic ventilator according to claim 1, comprising:
  - a breathing system integrity alarm circuit including a BSI alarm signal emitted when the gas pressure in the airway during inspiration is below a predetermined minimum pressure.
- 10 3. The automatic ventilator according to claim 1, comprising:
  - a maximum delivery pressure alarm circuit including a MDP alarm signal emitted when the gas pressure in the airway during inspiration is above a predetermined maximum delivery pressure.
- 15 4. The automatic ventilator according to any one of claims 2 and 3, wherein the CPR timing circuit emits timed signals including at least one of: a verbal signal; an audible signal; and a visual signal.
- 20 5. The automatic ventilator according to claim 1, wherein at least one of the BSI alarm circuit and the MDP alarm circuit include an alarm selected from the group consisting of: an audible alarm; and a visual alarm.
- 25 6. The automatic ventilator according to claim 1, wherein said cycles of positive pressure breathable gas flow have an inspiration time of about 2 seconds.
- 30 7. The automatic ventilator according to claim 1, wherein said cycles of positive pressure breathable gas flow have an expiration time of about 4 seconds.

8. The automatic ventilator according to claim 1, wherein said cycles deliver a tidal volume of about 0.5L per cycle.
- 5 9. The automatic ventilator according to claim 1, wherein said CPR period has a time of about 9 seconds.
10. The automatic ventilator according to claim 9, wherein fifteen signals are emitted during the CPR period.